

IN THE CLAIMS

The following listing of claims replaces all prior listings and versions of claim for this application.

1. (Currently Amended) A method for determining a genetic material of cocoa in fermented or roasted beans, chocolate or a food component containing cocoa, which method comprises applying a DNA detection technique to the fermented or roasted beans, chocolate, or food component to determine the genetic material of cocoa therein.
2. (Original) The method of claim 1, wherein the DNA detection technique is PCR, RAPD, RFLP, or microsatellite identification.
3. (Original) The method of claim 1, wherein the DNA detection technique includes a sequencing of PCR amplified genes.
4. (Currently Amended) The method of claim 1, wherein the genetic material to be detected is ~~derived~~ from the 5 S gene of cocoa DNA.
5. (Currently Amended) The method of claim 1, wherein the genetic material to be detected is ~~derived~~ from the chitinase gene of cocoa DNA.
6. (Cancelled)
7. (Currently Amended) The method of claim 1, wherein the genetic material to be detected is ~~derived~~ from mitochondrial or ~~chloroplastic~~ chloroplasic DNA of cocoa.
8. (Currently Amended) The method of claim 1, wherein the food component from which the genetic material is to be detected is a variety that has been modified by common breeding techniques ~~or by genetic engineering~~.
9. (New) The method of claim 1, wherein the food component from which the genetic material is to be detected is a variety that has been modified by genetic engineering.
10. (New) The method of claim 1, wherein the genetic material to be detected is a seed storage protein gene (SSP) of cocoa.